

ABSTRACT OF THE DISCLOSURE

The production process of the present invention for polyarylene sulfide is characterized by that in a process for continuously producing polyarylene sulfide by reacting a sulfur source with a dihalogenated aromatic compound in an aprotic organic solvent, it comprises at least one polymerization reaction step in which two phases of a polymer phase and a solvent phase are separated and in which the polymer phase corresponding to a dispersion phase is a dispersion phase comprising globular droplets and that an end terminator is used in the above polymerization reaction step. According to the present invention, a polymer can be prevented from being adhered onto a polymerization reaction bath to thereby make it possible to discharge a polymer phase and a solvent phase from the polymerization bath in a constant proportion; resultingly, a PAS composition (concentration) in the polymerization bath can always be maintained at a constant value; and polyarylene sulfide having a raised and stabilized molecular weight can continuously be produced.